

What is Claimed is:

1. An open-end wrench comprising an open-end jaw, wherein the open-end jaw comprises an inner jaw surface comprising a torque administering surface and an outer jaw surface, wherein the outer jaw surface comprises a polymer coating.
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2. The wrench of claim 1, further defined as comprising (1) a lever body having a first end and a second end and (2) an open-end jaw at one end of the lever body, wherein the open-end jaw comprises (a) an inner jaw surface comprising two or more torque administering surfaces for engaging and torqueing the head of a fastener and (b) an outer jaw surface which does not engage the head of the fastener, wherein the outer jaw surface comprises a polymer coating.
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3. The wrench of claim 2, wherein the lever body comprises an open end jaw at both ends of the lever body.
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4. The wrench of claim 1, further comprising a polymer coating on the inner jaw surface.
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5. The wrench of claim 1, wherein the entirety of the wrench comprises a polymer coating.
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6. The wrench of claim 1, wherein the polymer is selected from the group consisting of a polyisocyanate, a polyurethane, a polyester, a polyethylene, an ultra high molecular weight polyethylene (UHMWPE), a polybutylene, a polypropylene, a plastisol, a polyacrylic, a polyether ketone, a polyphenyl sulfone, a polyvinyl, a polyvinylidene, a silicone, a polyisoprene, an epoxy, a polychloroprene, a polyether imide, a polybenzimidazole, a polycarbonate, a polycarbonate/acetonitrile-butadiene-styrene (ABS) alloy, a fluoropolymer, an ionomer resin, a polyamide, a polyimide, a polyamideimide, a vinyl acetate, a co-polymer thereof, a polymer blend thereof or a combination thereof.
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7. A closed-end wrench comprising a closed-end jaw, wherein the closed-end jaw comprises an inner jaw surface comprising a polygonal torque administering surface and an outer jaw surface, wherein the outer jaw surface comprises a polymer coating.
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8. The wrench of claim 7, further defined as comprising (1) a lever body having a first end and a second end and (2) a closed-end jaw at one end of the lever body, wherein the closed-end jaw comprises (a) an inner jaw surface comprising a polygonal torque administering surface and (b) an outer jaw surface, wherein the outer jaw surface comprises a polymer coating.
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9. The wrench of claim 8, wherein the lever body comprises a closed-end jaw at both ends of the lever body.
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10. The wrench of claim 7, wherein the entirety of the wrench comprises a polymer coating.
11. The wrench of claim 6, wherein the polymer is selected from the group consisting of a polyisocyanate, a polyurethane, a polyester, a polyethylene, an UHMWPE, a polybutylene, a polypropylene, a plastisol, a polyacrylic, a polyether ketone, a polyphenyl sulfone, a polyvinyl, a polyvinylidene, a silicone, a polyisoprene, an epoxy, a polychloroprene, a polyether imide, a polybenzimidazole, an ABS alloy, a fluoropolymer, an ionomer resin, a polyamide, a polyimide, a polyamideimide, a vinyl acetate, a co-polymer thereof, a polymer blend thereof or a combination thereof.
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12. A kit comprising (1) a threaded bolt fastener comprising a polygonal head, wherein the polygonal head consists of a polymer coating and (2) an open-end wrench of claim 1.
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13. The kit of claim 12, further comprising a threaded nut fastener comprising polygonal outer surface and a threaded helical inner surface for securing a bolt or screw, wherein the outer surface consists of a polymer coating.
- 5 14. A kit comprising (1) a threaded bolt fastener comprising a polygonal head, wherein the polygonal head consists of a polymer coating and (2) an closed-end wrench of claim 7.
- 10 15. The kit of claim 14, further comprising a threaded nut fastener comprising polygonal outer surface and a threaded helical inner surface for securing a bolt or screw, wherein the outer surface consists of a polymer coating.
- 15 16. A piston ring compressor for compressing piston rings about a piston, wherein the portion of the ring compressor which contacts the piston rings comprises a polymer coating.
- 20 17. The ring compressor of claim 16, wherein the polymer is selected from the group consisting of a polyisocyanate, a polyurethane, a polyester, a polyethylene, an UHMWPE, a polybutylene, a polypropylene, a plastisol, a polyacrylic, a polyether ketone, a polyphenyl sulfone, a polyvinyl, a polyvinylidene, a silicone, a polyisoprene, an epoxy, a polychloroprene, a polyether imide, a polybenzimidazole, an ABS alloy, a fluoropolymer, an ionomer resin, a polyamide, a polyimide, a polyamideimide, a vinyl acetate, a co-polymer thereof, a polymer blend thereof or a combination thereof.
- 25 18. The ring compressor of claim 17, wherein the polymer is a fluoropolymer
19. The ring compressor of claim 18, wherein the fluoropolymer is a polytetrafluoroethylene (PTFE), a perfluoroalkoxy (PFA), an ethylene tetrafluoroethylene (ETFE), a fluorinated ethylene propylene (FEP) or a polyvinylidene fluoride (PVDF).
- 30 20. The ring compressor of claim 17, wherein the polymer is polyamide.